

MIXING EQUIPMENT SEALING DEVICE

ABSTRACT OF THE DISCLOSURE

A shaft sealing arrangement for sealing bores around a pair of stirrer shafts that emerge through a wall of an associated mixing vessel includes a pair of generally cylindrical shaft sealing assemblies designed to be carried on adjacent stirrer shafts, each gland assembly including the gland member and a gland housing. A plurality of raised spaced radially distributed wiper strips are attached to outside surface of each gland which are directionally deployed at an angle with the direction of the axis of the gland such that the wiper strips act to return escaping material back into an associated mixing vessel. The gland assemblies are designed to be mounted on to rotate with a corresponding one of the pair of stirrer shafts and are enabled to move axially relative therealong. A drive system operates the gland assemblies along the shafts between a deployed (mixing) position with each gland positioned in a wall bore through which a corresponding stirrer shaft emerges and in a retracted (cleaning) position wherein said gland assemblies are withdrawn outside the wall.